

Converting Colors

Hex(37A152)

Have a look what the booklet for
Hex(37A152) contains.

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Color

Hex(37A152)

Conversions

Conversions Part 1

Format	Color
Hex	37A152
RGB	55, 161, 82
RGB Percent	22%, 63%, 32%
CMY	0.7843, 0.3686, 0.6784
CMYK	0.66, 0.00, 0.49, 0.37
HSL	135°, 49%, 42%
HSV	135°, 66%, 63%
XYZ	15.8434, 26.9112, 12.3420
YIQ	120.3000, -37.8170, -47.0410

Conversions

Conversions Part 2

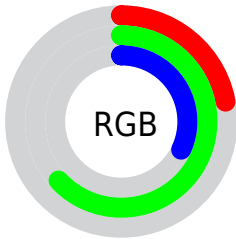
Format	Color
RYB	55, 139, 161
Decimal	3645778
CIELab	58.89, -47.64, 32.33
CIElCh	59, 57.573, 145.834
Yxy	26.9112, 0.2876, 0.4884
Android (android.graphics.Color)	4281835858 (0xFF37A152)
YUV	120.3000, -18.8819, -57.2681
Hunter-Lab	51.8760, -36.2674, 22.2073

Details

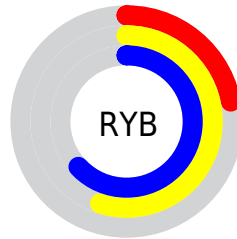
The Hex color **37A152** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A13786**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **72D985**, and **006C22** is the 20% darker color. If you saturate the color by 10%, you get **27A146**, and if you desaturate by 10%, it is **47A15E**.

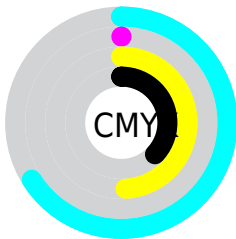
Distribution



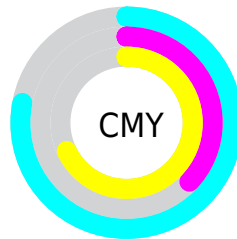
- Red (22%)
- Green (63%)
- Blue (32%)



- Red (22%)
- Yellow (55%)
- Blue (63%)



- Cyan (66%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (78%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 37A152 by changing the saturation by 10% instead.

 37A152

 37A152

FFFFFF

 0F863A

 72D985

 006C22

 8EF69F

 005309

 ABFFBB

 003B00

 C8FFD7

 002500

 E5FFF3

 000000

 37A152

 37A152

 27A146

 47A15E

 17A13A

 57A16A

 07A12E

 67A176

 00A129

 77A182

 88A18E

 98A19A

 A8A1A6

 B8A1B2

 C8A1BE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7D982A



37A152



00A585

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37A152



0096F3



E86365

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37A152



A13786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E55F97



37A152



8283E9

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37A152



00A1E1



C46DC7



D3753A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37A152



00A6A8



C46DC7



EA5F75

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37A152



A7D1B2



87A137



4F6956



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37A152



2CD156



37A187



49524C



009125



001205

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A13786



D12CA7



A13752



524950



91006C



12000D

Previews

White Background



This preview shows how the Hex color 37A152 looks on a white background.

Color Contrast Check

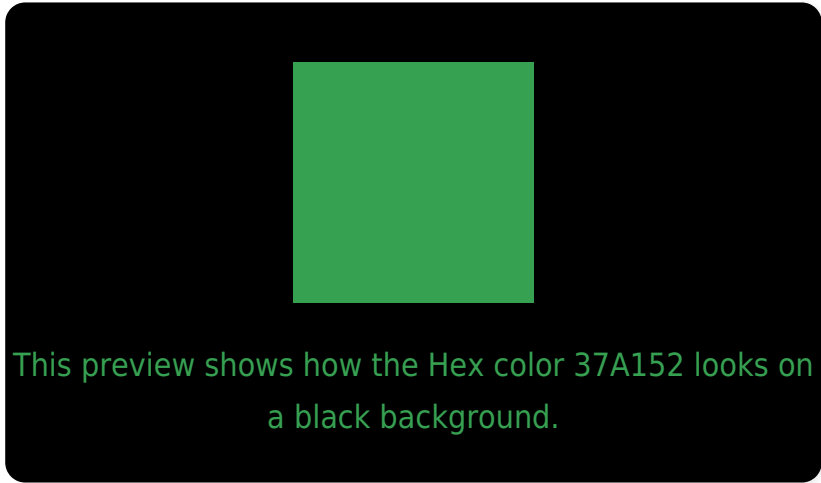
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

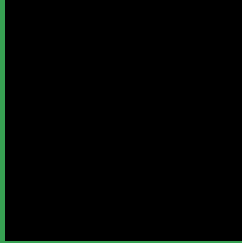
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 37A152 Background



This preview shows how black text looks on a background with the Hex color 37A152.



This preview shows how white text looks on a background with the Hex color 37A152.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

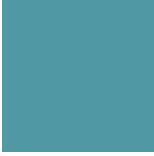
Dichromacy



Original Color
37A152

Protanopia
9B8D4B

Deuteranopia
AA8659

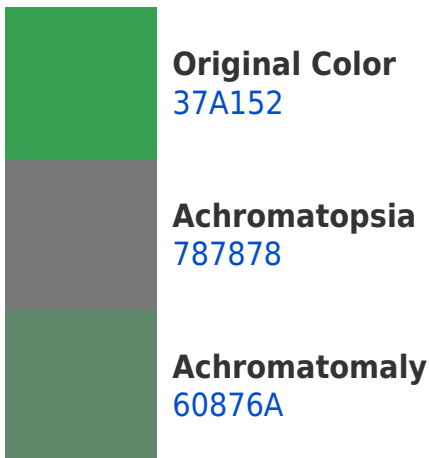


Tritanopia
5098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37A152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #37A152 looks like.

```
.text, #text, p{  
    color:#37A152  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #37A152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A152
}
```

Border

The CSS property to change the border of an element to Hex 37A152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37A152 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#37A152 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #37A152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A152; -webkit-box-shadow:4px 4px  
4px 4px #37A152; box-shadow:4px 4px 4px  
4px #37A152 }
```

Background

The CSS property to change the background color of an element to Hex 37A152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A152 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#37A152 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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